1   I Claim:

2   1.   A method of searching a network of interconnected computers and servers

3   comprising:

4   categorizing information stored on a plurality of information servers connected to

5   a network to form categorization information;

6   collecting and storing the categorization information and network addresses of the

7   information servers on a plurality of IBSP servers;

8   transmitting the categorization information and network addresses of the plurality

9   of information servers from an IBSP server to user nodes, broadcast server nodes, or

10   firewall server nodes over the network;

11   accepting a query on a user node connected to the network;

12   transmitting the query from the user node directly to a plurality of information

13   servers or to a broadcast server or a firewall server over the network;

14   the broadcast server or firewall server receiving and transmitting the user node

15   query to the plurality of information servers;

16   the information servers searching themselves for information responsive to the

17   user node query; and

18   each of the plurality of information servers transmitting information responsive to

19   the user node query to the user node or the firewall server for forwarding to the user node

20   when responsive information if found.

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22   2.   The method of searching a network of interconnected computers and servers of

23   claim 1 further comprising:

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2   the user node categorizing each user node query according to the categorization

3 information prior to transmitting the user node query.

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5   3.   The method of searching a network of interconnected computers and servers of

6 claim 1, wherein the categorized information and network addresses comprise

7 information selected from the group consisting of website language, general contents,

8 domain name, and IP address.

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10   4.   The method of searching a network of interconnected computers and servers of

11 claim 1, wherein the user node is connected to the network via a firewall node connected

12 to the network.

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14   5.   A system for searching a network of interconnected computers and servers

15 comprising:

16   a plurality of information servers connected over a network, each comprising

17 instructions for categorizing information resident on the information servers to form

18 categorization information and for transmitting their network address and categorization

19 information to an IBSP server;

20   the IBSP server connected to the network and comprising instructions for

21 receiving the network addresses and categorization information from the information

22 servers and for transmitting same to a plurality of user nodes connected to the IBSP

23 server over the network;

1   the plurality of user nodes each comprising instructions for receiving the network

2   addresses and categorization information of the information servers from the IBSP server

3   and for accepting and categorizing user queries based upon information server

4   categorization information;

5   the plurality of user nodes further comprising instructions for transmitting the user

6   nodes' network address and the categorized queries to the plurality of information servers

7   with the same categorization as the query; and

8   the information servers further comprising instructions for searching themselves

9   for information responsive to the categorized queries from the user nodes and retuning

10   information responsive to the categorized queries to the user nodes transmitting the

11   categorized queries.

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13   6.   A system for searching a network of interconnected computers and servers

14   comprising:

15   a plurality of information servers connected over a network, each comprising

16   instructions for categorizing information resident on the information servers to form

17   categorization information and for transmitting their network address and categorization

18   information to an IBSP server;

19   the IBSP server connected to the network and comprising instructions for

20   receiving the network addresses and categorization information from the information

21   servers and for transmitting same to a plurality of broadcast server nodes;

22   a plurality of user nodes each comprising instructions for accepting and

23   categorizing user queries based upon the information server categorization information;

1   the plurality of user nodes further comprising instructions for transmitting the user

2   node's network address and the categorized queries to a broadcast server over the

3   network;

4   a plurality of broadcast servers each comprising instructions for receiving the

5   network addresses and the categorization information of the information servers from the

6   IBSP server;

7   the broadcast server further comprising instructions for receiving the user nodes'

8   network addresses and the categorized queries from the plurality of user nodes.and for

9   transmitting same to the plurality of information servers; and

10   the information servers further comprising instructions for searching themselves

11   for information responsive to the categorized queries from the user nodes and retuning

12   information responsive to the categorized queries to the user nodes transmitting the

13   categorized queries.

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15   7.   A system for searching a network of interconnected computers and servers

16   comprising:

17   a plurality of information servers connected over a network, each comprising

18   instructions for categorizing information resident on the information servers to form

19   categorization information and for transmitting their network address and categorization

20   information to an IBSP server;

21   the IBSP server, connected to the network, comprising instructions for receiving

22   the network addresses and categorization information from the information servers and

23   for transmitting same to a plurality of firewall server nodes;

1   a plurality of user nodes comprising instructions for accepting and categorizing

2   user queries based upon the information server categorization;

3   the plurality of user nodes further comprising instructions for transmitting the user

4   node's network address and the categorized queries to a firewall server over the network;

5   a plurality of firewall servers each comprising instructions for receiving the

6   network addresses and the categorization information of the information servers from the

7   IBSP server;

8   the firewall servers further comprising instructions for receiving the user node's

9   network addresses and categorized the queries from a plurality of user nodes;

10   the firewall servers further comprising instructions for transmitting the firewall node's

11   network address, the user node addresses, and the categorized queries to the plurality of

12   information servers; and

13   the information servers further comprising instructions for searching themselves

14   for information responsive to the categorized queries from the user nodes and retuning

15   information responsive to the categorized queries to the firewall server for forwarding to

16   the user nodes transmitting the categorized queries.

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